

Persons of same sex	Toilet bowls required
1 to 15, inclusive	1
16 to 35, inclusive	2
36 to 55, inclusive	3
56 to 80, inclusive	4
For each additional 30 persons in excess of 80 ...	1

¹ Urinals may be substituted for toilet bowls but only to the extent of one-third of the total number of bowls stated.

(m) Lavatory accommodations (including, but not being limited to, hot and cold running water, single service towels, and soap which does not impart an odor which interferes with accurate evaluation of the product) shall be placed at such locations in the plant to assure cleanliness of each person handling any shell eggs or egg products. The hand washing facilities in the processing areas shall be operated by other than hand operated controls and the drains shall be trapped and connected to the plumbing system.

(n) Suitable facilities for cleaning and sanitizing utensils and equipment shall be provided at convenient locations throughout the plant.

(o) Refuse rooms shall be provided for the accumulation and storage of shells, trash, and other refuse. They shall be separate rooms completely enclosed without doorways opening into breaking rooms or rooms where egg products or packaging materials are handled or stored and have concrete floors with approved drains, facilities for cleaning, and an approved exhaust system vented to the outside. Alternative systems of handling shells, trash, and other refuse may be approved by the Administrator when such systems adequately contain all refuse and provide equivalent sanitary methods for the handling and removal of refuse.

[36 FR 9814, May 28, 1971; 36 FR 10841, June 4, 1971, as amended at 40 FR 20059, May 8, 1975. Redesignated at 42 FR 32514, June 27, 1977, as amended at 45 FR 23641, Apr. 8, 1980. Redesignated at 46 FR 63203, Dec. 31, 1981]

EFFECTIVE DATE NOTE: At 85 FR 68679, Oct. 29, 2020, § 590.500 was removed, effective Oct. 29, 2021.

§ 590.502 Equipment and utensils; PCB-containing equipment.

(a) Equipment and utensils used in processing shell eggs and egg products shall be of such design, material, and construction as will:

(1) Enable the examination, segregation, and processing of such products in an efficient, clean, and satisfactory manner;

(2) Permit easy access to all parts to insure thorough cleaning and sanitizing. So far as is practicable, all such equipment shall be made of metal or other impervious material which will not affect the product by chemical action or physical contact.

(b) Except as authorized by the Administrator, in new or remodeled equipment and equipment installations, the equipment and installation shall comply with the applicable 3-A or E-3-A Sanitary Standards and accepted practices currently in effect for such equipment.

(c) New or replacement equipment or machinery (including any replacement parts) brought onto the premises of any official plant shall not contain liquid polychlorinated biphenyls (PCBs) in concentrations above 50 parts per million by weight of the liquid medium. This provision applies to both food processing and nonfood processing equipment and machinery, and any replacement parts for such equipment and machinery. Totally enclosed capacitors containing less than 3 pounds of PCBs are exempted from this prohibition.

[36 FR 9814, May 28, 1971. Redesignated at 42 FR 32514, June 27, 1977, as amended at 45 FR 68919, Oct. 17, 1980. Redesignated at 46 FR 63203, Dec. 31, 1981, as amended at 60 FR 49170, Sept. 21, 1995]

EFFECTIVE DATE NOTE: At 85 FR 68679, Oct. 29, 2020, § 590.502 was removed, effective Oct. 29, 2021.

§ 590.504 General operating procedures.

(a) Operations involving the processing, storing, and handling of eggs, ingredients, and egg products must be done in a sanitary manner.

(b)(1) Eggs and egg products are subject to inspection in each official plant processing egg products for commerce.

(2) Any eggs and egg products not processed in accordance with the regulations in this part or part 591 or that are not otherwise fit for human food must be removed and segregated.

(c)(1) All loss and inedible eggs or inedible egg products must be placed in a

container clearly labeled “inedible” and containing a sufficient amount of denaturant or decharacterant, such as an FDA-approved color additive, suspended in the product. Eggs must be crushed and the substance dispersed through the product in amounts sufficient to give the product a distinctive appearance or odor. Inedible product may be held in containers clearly labeled “inedible” which do not contain a denaturant as long as such inedible product is properly packaged, labeled and segregated, and inventory controls are maintained. Such inedible product must be denatured or decharacterized before being shipped from a facility.

(2) Undenatured egg products or inedible egg products that are not decharacterized may be shipped from an official plant for industrial use or animal food, provided that it is properly packaged, labeled, and segregated, and inventory controls are maintained.

(d) [Reserved]

(e) Inspection program personnel may allow an official plant to move egg products that have been sampled and analyzed for Salmonella, or for any other reason, before receiving the test results, if they do not suspect non-compliance by the plant with any provisions of this part. The official plant must maintain control of the products represented by the sample pending the results.

(f) Each person who is to handle any exposed or unpacked egg products or any utensils or container which may come into contact with egg product, shall wash his hands and maintain them in a clean condition.

(g) No product or material which creates an objectionable condition shall be processed, stored, or handled in any room, compartment, or place where any shell eggs or egg products are processed, stored or handled.

(h) Only germicides, insecticides, rodenticides, detergents, or wetting agents or other similar compounds which will not deleteriously affect the eggs or egg products when used in an approved manner and which have been approved by the Administrator, may be used in an official plant. The identification, storage, and use of such compounds shall be in a manner approved by the Administrator.

(i) Utensils and equipment which are contaminated during the course of processing any shell eggs or egg products shall be removed from use immediately and shall not be used again until cleaned and sanitized.

(j) Any substance or ingredient added in the processing of any egg products shall be clean and fit for human food.

(k) Packages or containers for egg products shall be of sanitary design and clean when being filled with any egg products; and all reasonable precautions shall be taken to avoid soiling or contaminating the surface of any package or container liner which is, or will be, in direct contact with such egg products. Only new containers or used containers that are clean, in sound condition and lined with suitable inner liners shall be used for packaging edible egg products. Fiber containers used without liners require the approval of the Administrator.

(l) Egg products shall be inspected to determine the wholesomeness of the finished product.

(m) Egg products shall be processed in such a manner as to insure the immediate removal of blood and meat spots, shell particles, and foreign materials.

(n) Utensils and equipment, except drying units, powder conveyors, sifters, blenders, and mechanical powder coolers shall be clean and sanitized at the start of processing operations. Equipment and utensils shall be kept clean and sanitary during all processing operations.

(o) Egg products prior to being released into consuming channels shall be pasteurized in accordance with § 590.570 except that dried whites prepared from nonpasteurized liquid shall be heat treated in accordance with § 590.575.

(1) To assure adequate pasteurization, egg products shall be sampled and tested for the presence of salmonella. Sampling for the presence of salmonella shall be in accordance with § 590.580 and product found to be salmonella positive shall be reprocessed, pasteurized, and analyzed for the presence of salmonella, or denatured.

(2) Nonpasteurized or salmonella positive egg product may be shipped from an official plant only when it is to

be pasteurized, repasteurized, or heat treated in another official plant. Shipments of products from one official plant to another for pasteurization, repasteurization, or heat treatment shall be in sealed cars or trucks with an accompanying certificate stating that the product is not pasteurized or is salmonella positive. If nonpasteurized or salmonella positive products are to be stored in other than the official plant facilities, the inspector at the consignee's and consignor's plants shall be given full knowledge of the disposition of the product, including warehouse inventory receipts, until such time as product is pasteurized, repasteurized, or heat treated. The containers of such nonpasteurized or salmonella positive product shall be marked with the identification mark shown in Figure 3 of § 590.415.

(3) Notwithstanding the provision of paragraph (o)(2) of this section, nonpasteurized salted egg products containing 10 percent or more salt added may be shipped from an official plant directly to a manufacturer of acidic dressings only under the following provisions:

(i) Before such shipment is made, the manufacturer of the acidic dressing shall apply in writing and receive permission from the Administrator to receive and use unpasteurized egg products. The applicant shall sign a written statement containing the specification for the treatment of the nonpasteurized egg product in a manner that will insure that viable salmonella microorganisms are destroyed, and such processing treatment shall be approved by the Administrator prior to use.

(ii) Product shall be shipped under seal from the official plant, accompanied by an official USDA certificate stating that the product is nonpasteurized and for use in acidic dressings only.

(iii) The applicant shall acknowledge receipt of each shipment by indicating on the reverse side of the USDA certificate. "The quantity of nonpasteurized egg product stated on this certificate was received at _____," the blank being filled in with the name and address of the receiving company and the date and signature of the person completing the form. The certificate shall

be returned to the USDA inspector at the origin plant.

(iv) The acidic dressing manufacturer shall maintain processing records indicating the use of each shipment of unpasteurized salted product and the code lots of acidic dressing into which it was processed. Records of the pH and the acidity expressed as percent acetic acid of each code lot shall be maintained. The records shall also demonstrate that the acidic dressing was held 72 hours prior to shipment. These records shall be maintained for 2 years and shall be available for inspection by a representative of the Department.

(v) Each container of salted egg product shipped from the official plant shall be labeled as required in § 590.411, and shall bear the words "Caution—this egg product has not been pasteurized or otherwise treated to destroy viable salmonella microorganisms," and shall bear the official identification shown in figure 4 of § 590.415.

(p) Air which is to come in contact with product or with product contact surfaces shall come from approved filtered outside air sources.

(q) All liquid and solid waste material in the official plant shall be disposed of in a manner approved by the Administrator to prevent product contamination and in accordance with acceptable environmental protection practices.

[36 FR 9814, May 28, 1971, as amended at 37 FR 6658, Apr. 1, 1972; 40 FR 20059, May 8, 1975. Redesignated at 42 FR 32514, June 27, 1977, and further redesignated at 46 FR 63203, Dec. 31, 1981, as amended at 47 FR 745, Jan. 7, 1982; 60 FR 49170, Sept. 21, 1995; 85 FR 81341, Dec. 16, 2020]

EFFECTIVE DATE NOTE: At 85 FR 68679, Oct. 29, 2020, § 590.504 was revised, effective Oct. 29, 2021 and Oct. 31, 2022. At 85 FR 81341, Dec. 16, 2020, § 590.504 was correctly amended by removing and reserving paragraphs (f) through (n), and removing paragraphs (p) and (q), effective Oct. 29, 2021, and adding paragraph (d) and removing paragraphs (f) through (o), effective Oct. 31, 2022. For the convenience of the user, the added text is set forth as follows:

§ 590.504 General operating procedures.

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(d)(1) Egg products must be processed to meet the standard set out in § 590.570.

§ 590.506

9 CFR Ch. III (1–1–21 Edition)

(2) Unpasteurized or microbial pathogen-positive egg products may be shipped from an official plant to another official plant only when they are to be pasteurized, heat treated, or treated using other methods of treatment sufficient to produce egg products that are edible without additional preparation to achieve food safety in the second official plant. Official plants must maintain control of shipments of unpasteurized or microbial pathogen-positive egg products shipped from one official plant to another official plant for pasteurization or treatment. Shipping plants must seal such shipments in cars or trucks and label them in accordance with § 590.410(c). Containers of unpasteurized or microbial pathogen-positive egg product must be marked with the identification mark shown in Figure 2 of § 590.415.

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§ 590.506 Candling and transfer-room facilities and equipment.

(a) The room shall be so constructed that it can be adequately darkened to assure accuracy in removal of inedible or loss eggs by candling. Equipment shall be arranged so as to facilitate cleaning and the removal of refuse and excess packing material.

(b) The construction of the floor shall allow thorough cleaning. The floors shall be of water-resistant composition and provided with proper drainage.

(c) An approved exhaust system shall be provided for the continuous removal directly to the outside of any steam, vapors, odors, or dust in the room. The room shall be maintained at reasonable working temperatures during operations.

(d) Candling devices of an approved type shall be provided to enable candlers to detect loss, inedible, dirty eggs, and eggs other than chicken eggs.

(e) Leaker trays shall be made of a material and of such design that is conducive to easy cleaning and sanitizing.

(f) Containers made of a material and of such design that are conducive to easy cleaning shall be provided for inedible eggs. All such containers shall be conspicuously marked.

(g) Containers made of a material and of such design that are conducive to easy cleaning shall be provided for trash unless clean, disposable containers are furnished daily.

(h) Shell egg conveyors shall be constructed so that they can be thoroughly cleaned.

[36 FR 9814, May 28, 1971, as amended at 37 FR 6659, Apr. 1, 1972. Redesignated at 42 FR 32514, June 27, 1977, and further redesignated at 46 FR 63203, Dec. 31, 1981, as amended at 60 FR 49170, Sept. 21, 1995]

EFFECTIVE DATE NOTE: At 85 FR 68679, Oct. 29, 2020, § 590.506 was removed, effective Oct. 29, 2021.

§ 590.508 Candling and transfer-room operations.

(a) Candling and transfer rooms and equipment shall be kept clean, free from cobwebs, dust, objectionable odors, and excess packing materials.

(b) Containers for trash and inedible eggs shall be removed from the candling rooms as often as necessary but at least once daily; and shall be cleaned and treated in such a manner as will prevent off odors or objectionable conditions in the plant.

(c) Shell eggs shall be handled in a manner to minimize sweating prior to breaking.

(d) Shell eggs with extensively damaged shells, unless prohibited under § 590.510(d), shall be placed into leaker trays and shall be broken promptly.

EFFECTIVE DATE NOTE: At 85 FR 68680, Oct. 29, 2020, § 590.508 was revised, effective Oct. 29, 2021. For the convenience of the user, the revised text is set forth as follows:

§ 590.508 Candling and transfer-room operations.

Eggs must be handled in a manner that minimizes sweating prior to breaking or processing.

§ 590.510 Classifications of shell eggs used in the processing of egg products.

(a) The shell eggs shall be sorted and classified into the following categories in a manner approved by the National Supervisor:

(1) Eggs listed in paragraph (d) of this section.

(2) Dirty.

(3) Leakers as described in paragraph (c)(2) of this section.

(4) Eggs from other than chicken; duck, turkey, guinea, and goose eggs.

(5) Other eggs—satisfactory for use as breaking stock.